

# REPLACEMENT SHEET

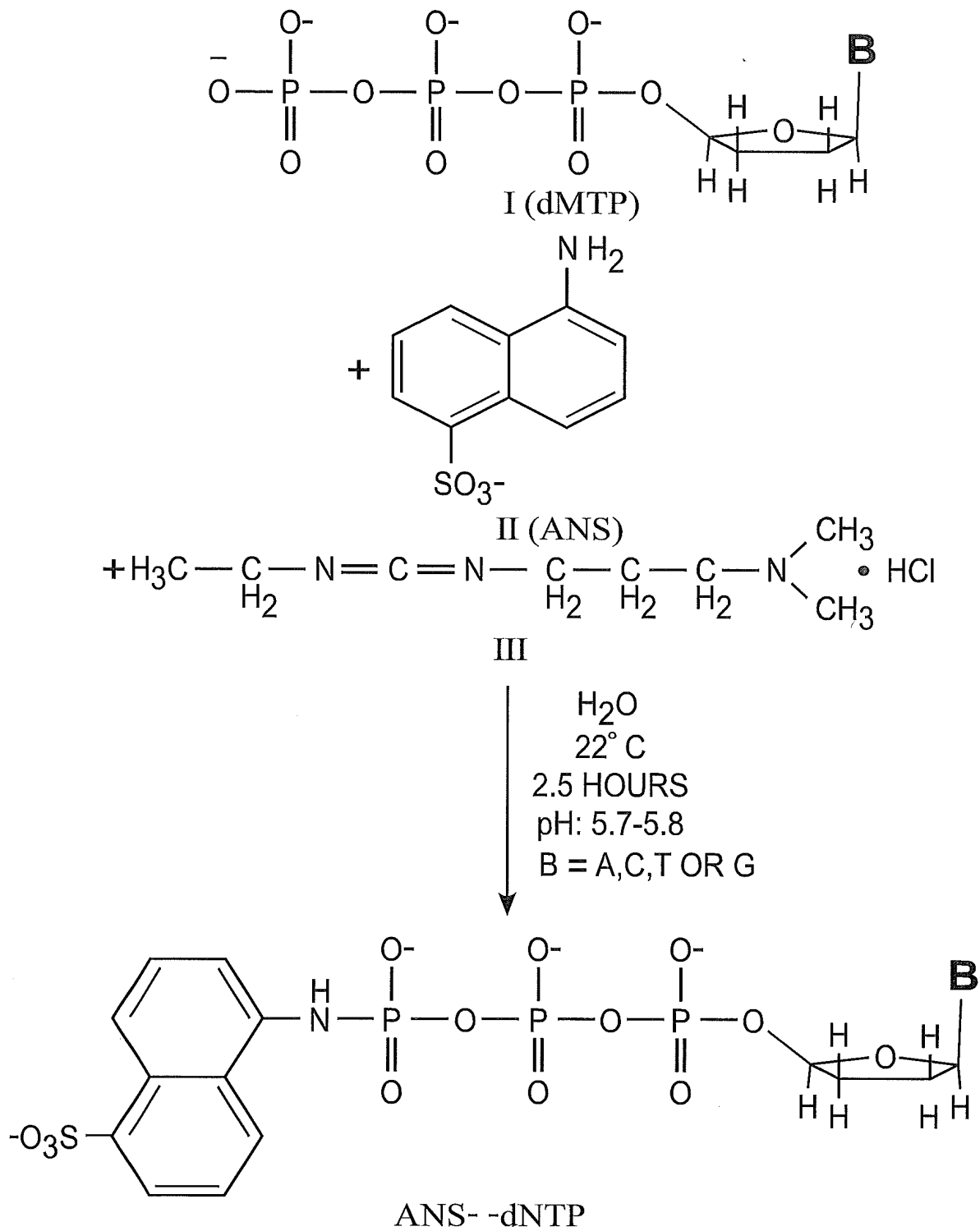


FIG. 4

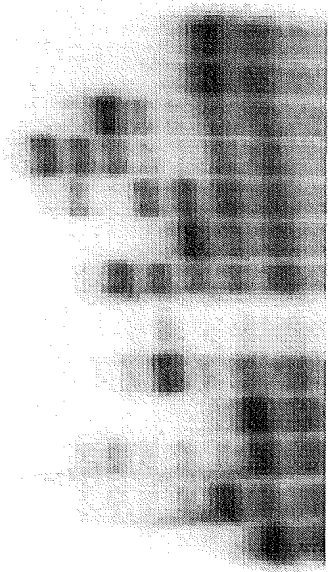
FIG. 5

PRIMER STRAND:		GGT	ACT	AAG	CGG	CCG	CAT	G	3'
TOP 5'									
TEMPLATE STRAND:									
BOT-T 3'	CCA	TGA	TTC	GCC	GGC	GTA	CTC	5'	
BOT-C 3'	CCA	TGA	TTC	GCC	GGC	GTA	CCC	5'	
BOT-G 3'	CCA	TGA	TTC	GCC	GGC	GTA	CGC	5'	
BOT-A	CCA	TGA	TTC	GCC	GGC	GTA	CAC	5'	
BOT-3T 3'	CCA	TGA	TTC	GCC	GGC	GTA	CTT	TC	5'
BOT-Sau 3'	CCA	TGA	TTC	GCC	GGC	GTA	CCT	AG	5'

Incorporate: GATC AG AAAG

(5' TO 3')

5 base extension  
4 base extension  
3 base extension  
2 base extension  
1 base extension  
19 base "TOP"

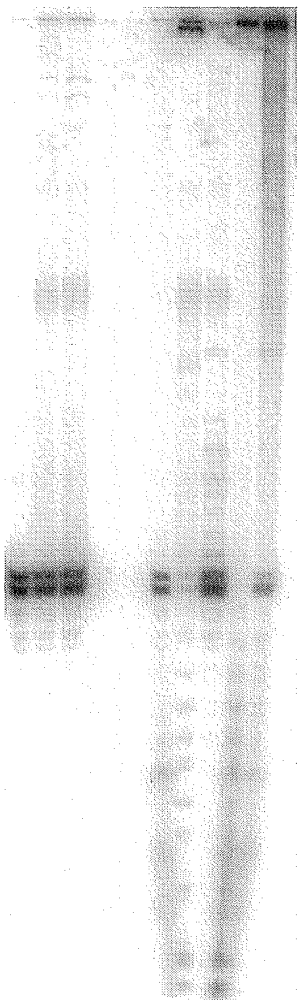


LANE 1 2 3 4 5 6 7 8 9 10 11 12 13

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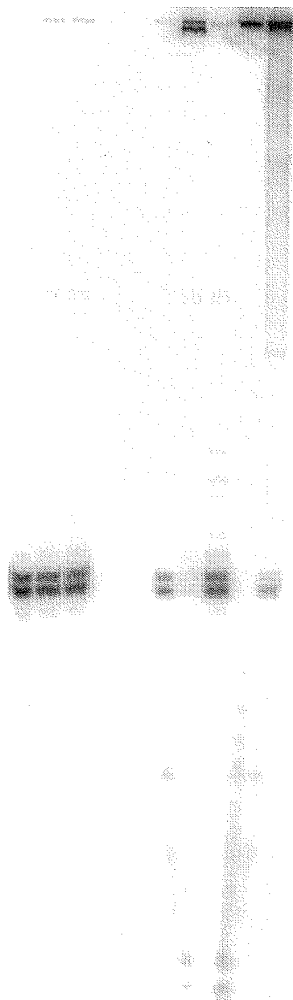
**FIG. 6A**

1 2 3 4 5 6 7 8



**FIG. 6B**

1 2 3 4 5 6 7 8



**FIG. 6C**

1 2 3 4 5 6 7 8

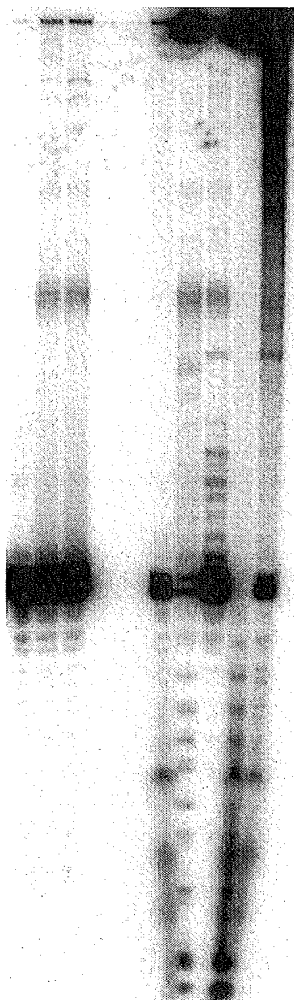


FIG. 7A

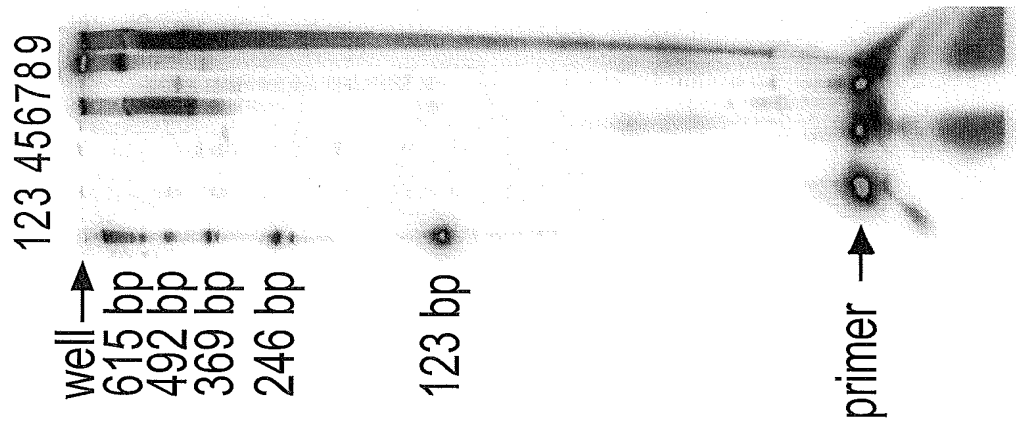


FIG. 7B

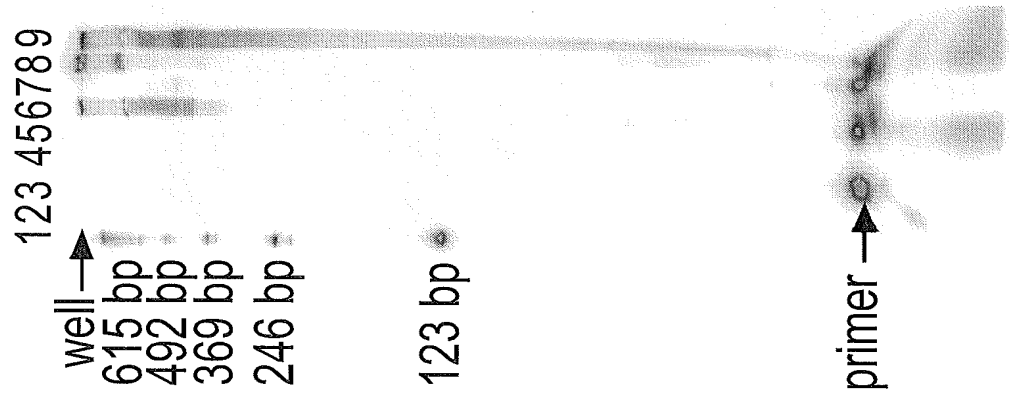
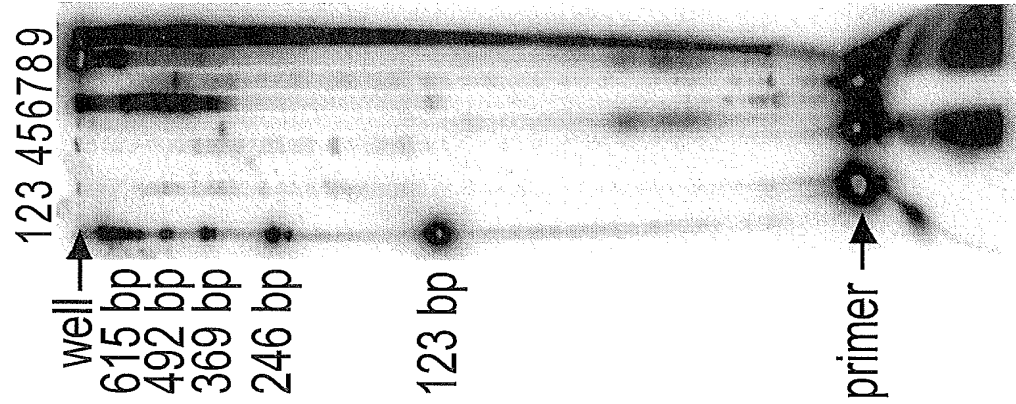


FIG. 7C



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		Klenow									<i>Taq</i>	
Enzyme	-	+	+	+	+	+	+	+	+	+	+	+
Primer (TOP)	+	+	+	+	+	+	+	+	+	+	+	+
Template	-	<u>BOT - 3T</u>			<u>BOT - T</u>			<u>BOT - Sau</u>			<u>BOT - 3T</u>	
Nucleotide	-	dG	dA	$\gamma$ dA	dG	dA	$\gamma$ dA	dG	dA	$\gamma$ dA	dA	$\gamma$ dA

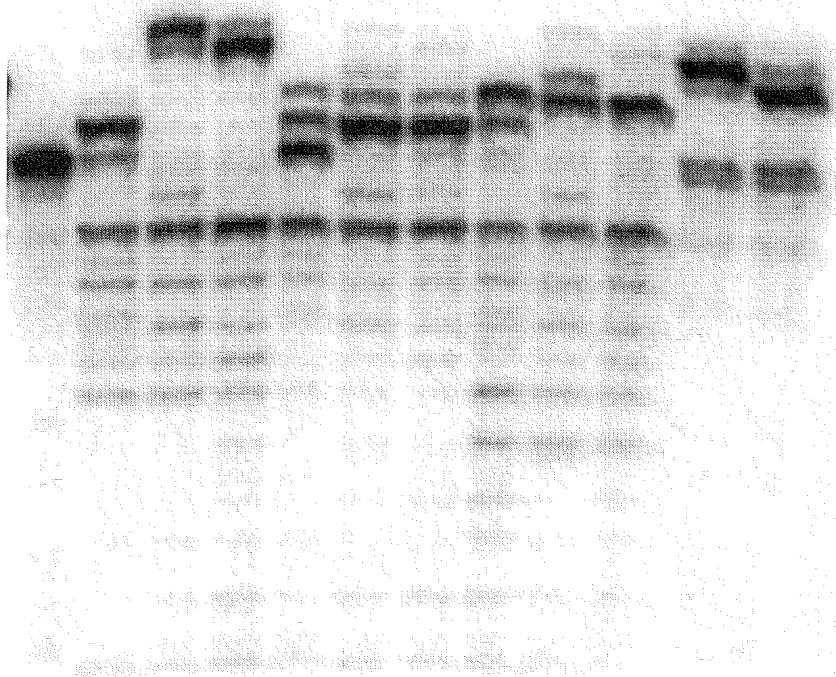


FIG. 8